



Dart Hawkesbury
1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada
Tel (613) 632-5200

| PO No | Supplier | Line Item No | Rel No | Terms | Purchased Item | Description | For Part No | Project | Equipment ID | Order Qty | Due Date | Received Quantity | Accounting Job No | Container No | Status | Receive Date | Price/Unit | Aging Days | Past Due | Tr |
|----------|-----------|--------------|--------|--------|----------------|---|-------------|---------|--------------|-----------|-----------|-------------------|-------------------|--------------|--------|--------------|--------------|------------|----------|-------|
| PO040135 | ACI001-VC | 1 | 1 | Net 30 | M304S18GA | 304/316 Sheet .063 : MATERIAL: AISI 304/316 SS SHEET ANNEALED AS PER MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316) OR ASTM A240 OR ASME SA240 | | | | 192 | 6/15/2018 | 192 | | S080376 | Stock | 6/12/2018 | \$ 6.51 / sf | 0 | | \$1 |
| | | 2 | | | M304S14GA | 304SS sheet .080 : MATERIAL: AISI 304/316 SS SHEET ANNEALED AS PER MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316) OR ASTM A240 OR ASME SA240 receive sf | | | | 128 | | 128 | | S080377 | Stock | 6/12/2018 | \$ 8.73 / sf | 0 | | \$1 |
| Total: | | | | | | | | | | 320 | | 320 | | | | | | | | \$1,8 |

Plex 6/12/2018 1:34 PM Dart.Dubois Pascal

DELIVERY - CLIENT

Customer N° CLI0001056
Date 2018/06/07
Delivery date 2018/06/12
Your order N° 040135

Processed by Josianne Bourdon
Salesman
Carrier OUELLETTE VALLEYFIELD
Credit Terme Net 30 Days

Shipped to
DART AEROSPACE LTD
1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Product Description
Weight
Qty
U/M
PCS NB
EXP
B/O
IN
I
S
C
OUT

Instruction F-M
Delivery Route 5
Att : CHANTAL LAVOIE Tél.: 613-632-5200
Delivery Route 5

Product Description
Weight
Qty
U/M
PCS NB
EXP
B/O
IN
I
S
C
OUT

| Instruction | Product Description | Weight | Qty | U/M | PCS NB | EXP | B/O | IN | I | S | C | OUT |
|-------------|---|--------|--------|-----------|--------|----------------|-----|----------|---|---|-------------|-------------|
| 1 | SHEET SS 16G SS304-2B (4 X 8) FESS-16G483042B 3419 6 X 4' X 8' Heat : A1W050575 | 504.00 | 192.00 | PI2_\$CLB | | 6'x8' 4'x8' | | ① 192'12 | | | JUN 12 2018 | DAS 11 9-09 |
| 2 | SHEET SS 14G SS304-2B (4 X 8) FESS-14G483042B 3412 4 X 4' X 8' TRA 2833 Heat : A1V040477 | 419.97 | 128.00 | PI2_\$CLB | | 4'x8' 4'x8' | | ① 128'12 | | | JUN 12 2018 | DAS 11 9-09 |
| 3 | PALETTE 7573 PALETTE Palette 4'x8' | | 2.00 | UN_\$UN | | Skid | | | | | | |

Conditions :
All sold and delivered materials remain the property of "Acier Ouellette Inc" until payment is made in full, complete and cashed. All lost materials are at the buyer's expense. The warranty offered by "Acier Ouellette Inc." is the same as offered and honored by the manufacturer and his warranty is transferred by "Acier Ouellette Inc." to the client. The buyer hereby accepts to respect the following conditions: Net 30 days from billing date and the buyer accepts to pay administration charges of 2% per month (24% per annum) on all past due amounts over 30 days. Any default in respect with this contract will lead to payment by acceleration and permits to the seller, at his choice to claim for the balance due or the repossession of the goods sold. All claims must be made within five (5) days with this document enclosed. Any merchandise that has been damaged, cut or modified cannot be returned. All goods returned must be with our authorization and are subject to a 25% restocking charge.

Prepared By : MH **Verified By :** [Signature] **Delivered By :** [Signature] **Time** Y M D **Date**

Total Weight (Lbs) : 923.97 **NIR : R-109516-6**

Total (\$CAD)



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO040135

Supplier: ACI001-VC
Acier Ouellette Inc.
935 Boul. Du Havre
Valleyfield
QC
J6S 5L1 Canada
Phone: 800 667 4248
Fax: 450 377 5696

PO No: PO040135

PO Date: 6/7/18

Due Date: 6/8/18

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Baker, Diane
Phone: 613-632-5200
dbaker@dartaero.com

E-MAILED
6/7/18

Revised

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground

Pynt Terms: Net 30

Freight Terms:

Special Comments:

Items

| Line Item | Part | Supplier Part No | Description | Status | Due Date | Order Quantity | Received Quantity | Balance | Unit Price (CAD) | Extended Price |
|-----------|-----------|------------------|--|--------|----------|----------------|-------------------|---------|------------------|----------------|
| 1 | M304S16GA | | 304/316 Sheet .063 : MATERIAL: AISI 304/316 SS SHEET ANNEALED AS PER MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316) OR ASTM A240 OR ASME SA240 | Firmed | 6/8/18 | 192 sf | 0 sf | 192 sf | \$6.508625/sf | \$1,249.66 |
| 2 | M304S14GA | | 304SS sheet .080 : MATERIAL: AISI 304/316 SS SHEET ANNEALED AS PER MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316) OR ASTM A240 OR ASME SA240 receive sf | Firmed | 6/8/18 | 128 sf | 0 sf | 128 sf | \$8.7257/sf | \$1,116.89 |

Grand Total: \$2,366.55

Order Notes

Procurement Quality Clauses

A005 right of entry

A012 chemical and physical test report

A016 personnel qualification

A017 raw material identification (as applicable)

A026 certification of material conformance

A041 quality management system

A042 dart notification by supplier

A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

DAS
11
9-89

DAS
11
9-89



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

PO040135

Supplier: ACI001-VC
Acier Ouellette Inc.
935 Boul. Du Havre
Valleyfield
QC
J6S 5L1 Canada
Phone: 800 667 4248
Fax: 450 377 5696

PO No: PO040135
PO Date: 6/7/18
Due Date: 6/8/18
Purchase Order
Revision:
Revision Date:
Ship-To Contact: Phone:

E-MAILED
6/10/18

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground
Pynt Terms: Net 30
Freight Terms:
Special Comments:

Items

| Line Item | Part | Supplier Part No | Description | Status | Due Date | Order Quantity | Received Quantity | Balance | Unit Price (CAD) | Extended Price |
|-----------|-----------|------------------|--|--------|----------|----------------|-------------------|---------|------------------|----------------|
| 1 | M304S16GA | | 304/316 Sheet .063 : MATERIAL: AISI 304/316 SS SHEET ANNEALED AS PER MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316) OR ASTM A240 OR ASME SA240 | Firmed | 6/8/18 | 192 sf | 0 sf | 192 sf | \$6.508625/sf | \$1,249.66 |
| 2 | M304S14GA | | 304SS sheet .080 : MATERIAL: AISI 304/316 SS SHEET ANNEALED AS PER MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316) OR ASTM A240 OR ASME SA240 receive sf | Firmed | 6/8/18 | 128 sf | 0 sf | 128 sf | \$6.1958/sf | \$793.06 |

Grand Total: \$2,042.72

Procurement Quality C
A005 right of entry
A012 chemical and phys
A016 personnel qualifica
A017 raw material identi
A026 certification of mat
A041 quality managemen
A042 dart notification by
A043 retention of quality

A048 counterfeit parts av
A049 supplier awareness

Terms & Condition of Purchas
www.dartaerospace.com for fur

~~M304S16GA~~
39632
M304S16GA
14GA
128
Pronto!

AS9100 requirements. To learn in detail, please visit

Plex 6/7/18 1:29 PM Dart.Baker.Diane

WLB

**ACIER OUELLETTE INC.**

935, Boul. du Havre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Quotation**SOU0112364****Billed to**

DART AEROSPACE LTD
1270 , ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

, Ontario,

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Customer N°

CLI0001056

Date

2018/06/07

Revision N°

0

Prices valid until**2018/06/14****Your Order N°**

040135

Processed by

Josianne Bourdon

Salesman

JOSIANNE

Carrier

OUELLE SDV

Credit Terms

Net 30 Days

Page

1

| Product N° and description | Weight | Qty U/M | Qty U/M | Price | Pcs Nb | Price | Amount |
|---|--------|------------------|-------------|-------|--------|---------|----------|
| SHEET SS 16G SS304-2B (4 X 8) FESS-16G483042B 3419 6 X 4' X 8' | 504.00 | 192.00 PI2_\$CLB | 6.00 UN | | 6.00 | 208.278 | 1 249.67 |
| SHEET SS 14G SS304-2B (4 X 8) FESS-14G483042B 3412 4 X 4' X 8' | 419.97 | 128.00 PI2_\$CLB | 4.00 UN | | 4.00 | 279.225 | 1 116.90 |
| PALETTE PALETTE 7573 | 0.00 | 2.00 UN_\$UN | 2.00UN_\$UN | | 2.00 | 40.000 | 80.00 |
| FUEL CHARGE FRAIS_ENERGETIQUE | | | \$ | | | | 3.95 |

Total Weight (Lbs)

923.97

Important

This offer is based on the availability, the price of material can change without notice in function of the evolution of the current market prices.
This offer is subject to credit approval.

Approuved and Accepted by :

Date :

Sub-total

2 450.52

TVH-13 · · 318.57

Total (\$CAD)**2 769.09**

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M3045146A
DATE: JUN 12 2018

PO / BATCH NO.: 040135/5080377

MATERIAL CERT REC'D: YES
QUANTITY RECEIVED: 128 P12
QUANTITY INSPECTED: 128 P12
QUANTITY REJECTED: 0

THICKNESS ORDERED: 146A
THICKNESS RECEIVED: 146A
SHEET SIZE ORDERED: 4x8
SHEET SIZE RECEIVED: 4x8

| DESCRIPTION | NCR (Check Y/N) | COMMENTS |
|--|---|------------------|
| SURFACE DAMAGE | Y <input checked="" type="radio"/> N <input checked="" type="radio"/> | |
| CORRECT FINISH | Y <input checked="" type="radio"/> N <input checked="" type="radio"/> | |
| CORROSION | Y <input checked="" type="radio"/> N <input checked="" type="radio"/> | |
| CORRECT GRAIN DIRECTION | Y <input checked="" type="radio"/> N <input checked="" type="radio"/> | |
| CORRECT MATERIAL PER M-DRAWING | Y <input checked="" type="radio"/> N <input checked="" type="radio"/> | As per A240 |
| CORRECT THICKNESS | Y <input checked="" type="radio"/> N <input checked="" type="radio"/> | |
| PHOTO REQUIRED | Y <input checked="" type="radio"/> N <input checked="" type="radio"/> | |
| CORRECT REF # TO LINK CERT | Y <input checked="" type="radio"/> N <input checked="" type="radio"/> | Heat # AIV040477 |
| CORRECT MATERIAL IDENTIFICATION | Y <input checked="" type="radio"/> N <input checked="" type="radio"/> | |
| CORRECT M# ON THE MATERIAL | Y <input checked="" type="radio"/> N <input checked="" type="radio"/> | |
| DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF | Y <input checked="" type="radio"/> N <input checked="" type="radio"/> | |
| DOES THIS REQUIRE AN EXTRUSION REPORT | Y <input checked="" type="radio"/> N <input checked="" type="radio"/> | |

| CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW | | | | | |
|--|-----|-----|-------|-------|---------|
| | HRC | HRB | DUR A | DUR D | WEBSTER |
| TYPE OF MATERIAL | | | | | |
| SIZE OF TEST SAMPLE | | | | | |
| HARDNESS / DUROMETER READING | | | | | |

testers located in the Quality Office

| QC 18 INSPECTION | ENGINEERING SIGNOFF (if required) |
|--|-------------------------------------|
| INSPECTED BY: <u>DAS 11</u> DATE: <u>1-89 JUN 12 2018</u> | SIGNED OFF BY: _____ DATE: _____ |

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: AISI 304/316 SS SHEET
ANNEALED

SPECIFICATION: MIL-S-5059
OR AMS 5513 (304)
OR AMS 5524 (316)
OR ASTM A240
OR ASME SA240

FINISH:

DART M-NUMBER
IDENTIFIER
1P
2D
NONE
3P
4P
6P
7P
8P

FINISH
UNPOLISHED No. 1
UNPOLISHED No. 2D
UNPOLISHED No. 2B
POLISHED No. 3
POLISHED No. 4
BUFFED No. 6
BUFFED No. 7
BUFFED No. 8

PART NUMBER: M304S TT GA #P
GA

WHERE "TT" = GAUGE THICKNESS
WHERE "#P" = FINISH IDENTIFIER

EG. 16 GAUGE SS SHEET 2B FINISH = M304S16CA
EG. 16 GAUGE SS SHEET No. 4 POLISHED = M304S16GA4P

GAUGE THICKNESS REFERENCE:

| GAUGE | NOM. THICK. (IN.) | THICKNESS RANGE (IN.) |
|-------|----------------------|--------------------------|
| 26 | 0.01875 | 0.0178 - 0.019 |
| 25 | 0.021875 | 0.0199 - 0.023 |
| 24 | 0.025 | 0.024 - 0.026 |
| 23 | 0.028125 | 0.027 - 0.029 |
| 22 | 0.03125 | 0.030 - 0.032 |
| 21 | 0.034375 | 0.033 - 0.035 |
| 20 | 0.0375 | 0.036 - 0.040 |
| 19 | 0.04375 | 0.041 - 0.046 |
| 18 | 0.050 | 0.047 - 0.052 |
| 17 | 0.05625 | 0.053 - 0.058 |
| 16 | 0.0625 | 0.059 - 0.065 |
| 15 | 0.0703125 | 0.066 - 0.072 |
| 14 | 0.078125 | 0.073 - 0.083 |
| 13 | 0.08375 | 0.084 - 0.098 |
| 12 | 0.109375 | 0.099 - 0.114 |
| 11 | 0.125 | 0.115 - 0.130 |
| 10 | 0.140625 | 0.131 - 0.145 |
| 9 | 0.15625 | 0.146 - 0.160 |
| 8 | 0.171875 | 0.161 - 0.176 |
| 7 | 0.1875 | 0.182 - 0.194 |
| 6 | 0.2031 | 0.194 - 0.212 |
| 5 | 0.2188 | 0.201 - 0.228 |
| 4 | 0.2344 | 0.225 - 0.243 |
| 3 | 0.2500 | 0.238 - 0.262 |
| 2 | 0.2656 | 0.254 - 0.278 |
| 1 | 0.2813 | 0.269 - 0.293 |
| 0 | 0.3125 | 0.301 - 0.325 |

RELEASED

2015 FEB 04

ECN 15-122

| | | | |
|---|--|-----|----------|
| D | ADDED GAUGES 0.7. | AJS | 15.01.06 |
| C | DEFINED FINISH OPTION (ZN CR) AND EXAMPLE OF MATERIAL FIN WITH FINISH OTHER THAN 2B (ZN 65). | MB | 12.09.20 |
| B | REFORMAT DWG. ADD ASTM/ASME SPECS (ZN D8-1). ADD GAUGE REF (C8-1). REF PAR 08-020A | CP | 09.06.01 |
| A | NEW ISSUE | DS | 01.09.24 |
| REV. | DESCRIPTION | BY | DATE |
| DESIGN | DS | | |
| DRAWN | AJS | | |
| CHECKED | | | |
| MFG. APPR. | | | |
| APPROVED | | | |
| DE APPR. | | | |
| DATE | 15.01.06 | | |
| DART AEROSPACE LTD | | | |
| HAWKESBURY, ONTARIO, CANADA | | | |
| DRAWING NO. M304S | | | |
| REV. D | | | |
| SHEET 1 OF 1 | | | |
| TITLE | | | |
| 304/316 SS SHEET | | | |
| SCALE | | | |
| NTS | | | |
| COPYRIGHT © 2001 BY DART AEROSPACE LTD | | | |
| THIS DRAWING IS THE PROPERTY OF DART AEROSPACE LTD. IT IS TO BE USED FOR THE PURPOSES SPECIFIED ONLY. IT IS NOT TO BE USED FOR ANY OTHER PURPOSES WITHOUT THE WRITTEN PERMISSION OF DART AEROSPACE LTD. | | | |

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M3045166A
 DATE: JUN 12 2018

PO / BATCH NO.: 040135/5080376

MATERIAL CERT REC'D: YES
 QUANTITY RECEIVED: 192 Pcs
 QUANTITY INSPECTED: 192 Pcs
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 16 GA
 THICKNESS RECEIVED: 16 GA
 SHEET SIZE ORDERED: 4X8
 SHEET SIZE RECEIVED: 4X8

| DESCRIPTION | NCR (Check Y/N) | COMMENTS |
|--|--------------------------------------|-----------------|
| SURFACE DAMAGE | Y <input checked="" type="radio"/> N | |
| CORRECT FINISH | <input checked="" type="radio"/> Y N | |
| CORROSION | Y <input checked="" type="radio"/> N | |
| CORRECT GRAIN DIRECTION | <input checked="" type="radio"/> Y N | |
| CORRECT MATERIAL PER M-DRAWING | <input checked="" type="radio"/> Y N | As per A240 |
| CORRECT THICKNESS | <input checked="" type="radio"/> Y N | |
| PHOTO REQUIRED | Y <input checked="" type="radio"/> N | |
| CORRECT REF # TO LINK CERT | <input checked="" type="radio"/> Y N | Ref # AIW050575 |
| CORRECT MATERIAL IDENTIFICATION | <input checked="" type="radio"/> Y N | |
| CORRECT M# ON THE MATERIAL | <input checked="" type="radio"/> Y N | |
| DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF | Y <input checked="" type="radio"/> N | |
| DOES THIS REQUIRE AN EXTRUSION REPORT | Y <input checked="" type="radio"/> N | |

| CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW | | | | | |
|--|-----|-----|-------|-------|---------|
| | HRC | HRB | DUR A | DUR D | WEBSTER |
| TYPE OF MATERIAL | | | | | |
| SIZE OF TEST SAMPLE | | | | | |
| HARDNESS / DUROMETER READING | | | | | |

testers located in the Quality Office

| QC 18 INSPECTION | ENGINEERING SIGNOFF (if required) |
|--|-------------------------------------|
| INSPECTED BY: <u>DAS</u> <u>11</u> JUN 12 2018 DATE: <u>9-89</u> | SIGNED OFF BY: _____ DATE: _____ |

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: AISI 304/316 SS SHEET
ANNEALED

SPECIFICATION:

MIL-S-5069
OR AMS 5513 (304)
OR AMS 5513 (316)
OR ASTM A240
OR ASME SA240

FINISH:

FINISH
UNPOLISHED No. 1
UNPOLISHED No. 2D
UNPOLISHED No. 2B
POLISHED No. 3
POLISHED No. 4
BUFFED No. 6
BUFFED No. 7
BUFFED No. 8

DART M-NUMBER
IDENTIFIER
1P
2D
NONE
3P
4P
6P
7P
8P

PART NUMBER:

M304S TT GA #P
GA

WHERE "TT" = GAUGE THICKNESS
WHERE "#P" = FINISH IDENTIFIER

EG. 16 GAUGE SS SHEET 2B FINISH = M304S16GA
EG. 16 GAUGE SS SHEET No. 4 POLISHED = M304S16GA4P

GAUGE THICKNESS REFERENCE:

| GAUGE | NOM. THICK. (IN) | THICKNESS RANGE (IN) |
|-------|---------------------|-------------------------|
| 26 | 0.01875 | 0.0178 - 0.019 |
| 25 | 0.021675 | 0.0199 - 0.023 |
| 24 | 0.025 | 0.024 - 0.026 |
| 23 | 0.028125 | 0.027 - 0.029 |
| 22 | 0.03125 | 0.030 - 0.032 |
| 21 | 0.034375 | 0.033 - 0.035 |
| 20 | 0.0375 | 0.036 - 0.040 |
| 19 | 0.04375 | 0.041 - 0.046 |
| 18 | 0.050 | 0.047 - 0.052 |
| 17 | 0.05625 | 0.053 - 0.058 |
| 16 | 0.0625 | 0.059 - 0.065 |
| 15 | 0.0703125 | 0.066 - 0.072 |
| 14 | 0.078125 | 0.073 - 0.083 |
| 13 | 0.09375 | 0.084 - 0.098 |
| 12 | 0.109375 | 0.099 - 0.114 |
| 11 | 0.125 | 0.115 - 0.130 |
| 10 | 0.140625 | 0.131 - 0.145 |
| 9 | 0.15625 | 0.146 - 0.160 |
| 8 | 0.171875 | 0.161 - 0.176 |
| 7 | 0.1875 | 0.182 - 0.194 |
| 6 | 0.2031 | 0.194 - 0.212 |
| 5 | 0.2188 | 0.201 - 0.228 |
| 4 | 0.2344 | 0.225 - 0.243 |
| 3 | 0.2500 | 0.238 - 0.262 |
| 2 | 0.2656 | 0.254 - 0.278 |
| 1 | 0.2813 | 0.269 - 0.293 |
| 0 | 0.3125 | 0.301 - 0.325 |

RELEASED

2015 FEB 04

ECN 15-122

| | | | |
|--|---|-----|----------|
| D | ADDED GAUGES 0.7. | AJS | 15.01.06 |
| C | DEFINED FINISH OPTION (ZN 08) AND EXAMPLE OF MATERIAL FINISH OTHER THAN 2B (ZN 05). | MB | 12.09.20 |
| B | REFORMAT DWG. ADD ASTM/ASME SPECS (ZN 08-1). ADD GAUGE REF (C8-1). REF PAR 08-020A | CP | 09.06.01 |
| A | NEW ISSUE | DS | 01.09.24 |
| REV. | DESCRIPTION | BY | DATE |
| DESIGN | DS | | |
| DRAWN | AJS | | |
| CHECKED | | | |
| MFG. APPR. | | | |
| APPROVED | | | |
| DE APPR. | | | |
| DATE | 15.01.06 | | |
| DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA | | | |
| DRAWING NO. M304S | | | |
| REV. D | | | |
| SHEET 1 OF 1 | | | |
| TITLE 304/316 SS SHEET | | | |
| SCALE NTS | | | |
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TRA-2832

3419 FESS-169483042B

51227



彰源企業股份有限公司
FROCH ENTERPRISE CO., LTD.

NO.122 INDUSTRIAL ROAD, TQULIU CITY,
YUN-LIN 640, TAIWAN

T: +886-5-5571670

F: +886-5-5571188

檢驗證書
MILL TEST CERTIFICATE

| | |
|-----------------|--------------|
| Certificate No. | F180427039 |
| Date: | APR 17, 2018 |

| | | | | | | | | | | | |
|--------------------------------------|--|--------------|--|----------------------------|--|---------------|--|-----------------------|--|--------------|--|
| Customer: | | Contract No. | | L/C No. | | Specification | | ASTM A240-18c/A480-14 | | Page: 1 of 1 | |
| Invoice No. | | 18136 | | DC HMN810943 | | Heat No. | | QTY (PC) | | Weight (MT) | |
| Description | | Item No. | | Size | | Type | | QTY (PC) | | Weight (MT) | |
| STAINLESS STEEL COLD ROLLED SHEET | | 1 | | 20GAX48"X120" 2B NO PI | | 304 | | 78.000 | | 1.996 | |
| SPECIFICATION AS PER PO NO.: P-18136 | | 2 | | 16GA X 48" X 96" 2B PI | | 304 | | 102.000 | | 3.557 | |
| TOTAL QUANTITY: 19.920MT | | 3 | | 16GA X 48" X 96" 2B PI | | 304 | | 39.000 | | 1.710 | |
| | | 4 | | 11GA X 48" X 96" 2B PI | | 304 | | 75.000 | | 5.286 | |
| | | 5 | | 20GAX48"X120" NO.4 BP FLPE | | 304 | | 74.000 | | 1.925 | |
| | | 6 | | 18GAX48"X120" NO.4 BP FLPE | | 304 | | 50.000 | | 1.746 | |
| | | 7 | | 16GAX48"X 96" NO.4 BP FLPE | | 304 | | 66.000 | | 2.293 | |
| | | 8 | | 16GAX48"X 96" NO.4 BP FLPE | | 304 | | 41.000 | | 1.427 | |

| | | | | | | | | | | | | | | | | | |
|-------------------------------|-------|-------|------|------------------------|-------|-------|------|----|----|---|--|-------------------|-----------|-------------------|--------------|----------------------|--------------|
| 化學成分 (Chemical Composition %) | | | | 機械性能 (Mechanical Test) | | | | | | | | | | | | | |
| Item No. | C | Si | Mn | P | S | Cr | Ni | Mo | 其他 | 抗拉強度 Tensile (N/mm ²) | 降伏強度 0.2% Yield (N/mm ²) | 伸長率 Elongation | Direction | Width of specimen | Gauge Length | 硬度試驗 Hardness HRB | 備註 Remark |
| Min. | 0.070 | 0.750 | 2.00 | 0.045 | 0.030 | 17.50 | 8.00 | | | 515.00 | 205.00 | 40.00 | L.T | mm | mm | 92.00 | |
| Max. | 0.020 | 0.340 | 1.19 | 0.036 | 0.001 | 18.06 | 8.02 | | | 641.00 | 287.00 | 92.00 | — | — | — | 84.00 | |
| 1 | 0.023 | 0.370 | 1.21 | 0.022 | 0.002 | 18.17 | 8.08 | | | 647.00 | 295.00 | 52.00 | — | — | — | 86.00 | |
| 2 | 0.047 | 0.430 | 1.04 | 0.024 | 0.004 | 18.25 | 8.05 | | | 674.00 | 301.00 | 55.00 | — | — | — | 84.00 | |
| 3 | 0.014 | 0.420 | 1.57 | 0.028 | 0.001 | 18.01 | 8.01 | | | 640.00 | 293.00 | 50.00 | — | — | — | 84.00 | |
| 4 | 0.019 | 0.460 | 1.37 | 0.028 | 0.002 | 18.07 | 8.05 | | | 628.00 | 306.00 | 56.00 | — | — | — | 85.00 | |
| 5 | 0.023 | 0.390 | 1.63 | 0.030 | 0.003 | 18.30 | 8.00 | | | 670.00 | 307.00 | 54.00 | — | — | — | 88.00 | |
| 6 | 0.019 | 0.390 | 1.40 | 0.030 | 0.001 | 18.28 | 8.04 | | | 637.00 | 319.00 | 54.00 | — | — | — | 88.00 | |
| 7 | 0.019 | 0.390 | 1.40 | 0.030 | 0.001 | 18.28 | 8.04 | | | 639.00 | 312.00 | 55.00 | — | — | — | 87.00 | |
| 8 | 0.019 | 0.390 | 1.40 | 0.030 | 0.001 | 18.28 | 8.04 | | | | | | — | — | — | | |

NOTES:

- The material described herein is certified for no radiation contamination by original Material Manufacturer.
- The tolerance of chemical composition is according to ASTM A480.
- Visual inspection (Surface) and Dimension Check: Acceptable.
- We hereby certify that material described herein has been manufactured and tested with satisfactory results in accordance with the requirement of the above material specification.

APPROVED CERTIFICATES:

- QMS according ISO 9001(TUV Cert No:01 128922)
- EMS according ISO 14001(LR Cert No:0992007)
- PED (TUV Cert No: 01 202 TWN/Q-06 0145)
- Lab management system according ISO/IEC 17020(TAF Cert No:00001)
- Lab management system according ISO/IEC 17025(TAF Cert No:2271)

QA Manager / Work Inspector.

Lai Yu Lin

Q-Y-Q-33-07-C

TKA-2833

FESS-14G483042B

3412

| | |
|-----------------|--------------|
| Certificate No. | F180427039 |
| Date: | APR 17, 2018 |



彭源企業股份有限公司
FROCH ENTERPRISE CO., LTD.

NO.122 INDUSTRIAL ROAD, YOU-LIU CITY,

YUN-LIN 640, TAIWAN

F: +886-5-5571188

檢 驗 證 明 書
MILL TEST CERTIFICATE

Customer : FEX20180653

Invoice No. 18136

Contract No.

L/C No. DC HMN810943

规范 ASTM A240-13C/A480-14

Page: 1 of 1

商品名稱 Description

項目 Item No.

產品尺寸 Size

鋼號 Type

爐號 Heat No.

數量 QTY(PCS)

重量 Weight(MT)

熱處理 Heat Treatment Water Quenched

表面處理 Finish

備註 Remark

STAINLESS STEEL COLD ROLLED SHEET
SPECIFICATION AS PER PO NO.:P-18136
TOTAL QUANTITY:19.820MT

1

20GAX48"X120" 2B NO PI

304

ALC040031

78.000

1.986

—

2B

2

16GA X 48" X 96" 2B PI

304

AIW050575

102.000

3.557

—

2B

3

14GA X 48" X 96" 2B PI

304

AIV040477

39.000

1.710

—

2B

4

11GA X 48" X 96" 2B PI

304

AIN050390

75.000

5.266

—

2B

5

20GAX48"X120" NO.4 BP FLPE

304

ALE050272

74.000

1.925

—

NO4

6

18GAX48"X120" NO.4 BP FLPE

304

ALE050482

50.000

1.746

—

NO4

7

16GAX48"X 96" NO.4 BP FLPE

304

ALE050451

66.000

2.293

—

NO4

8

16GAX48"X 96" NO.4 BP FLPE

304

ALE050455

41.000

1.427

—

NO4

化學成份 Chemical Composition (%)

項目 Item No.

C

Si

Mn

P

S

Cr

Ni

Mo

N

其他

抗拉強度 Tensile (N/mm²)

降伏強度 0.2% Yield (N/mm²)

伸長率 % Elongation

Direction

Width of specimen

Gauge Length

硬度試驗 Hardness HRB

Min.

0.070

0.750

2.00

0.045

0.030

17.50

8.00

515.00

205.00

40.00

L-T

mm

mm

92.00

Max.

0.020

0.340

1.19

0.036

0.001

18.06

10.50

0.100

641.00

287.00

52.00

—

—

84.00

1

0.023

0.370

1.21

0.022

0.002

18.17

8.08

—

0.036

—

647.00

295.00

52.00

—

—

86.00

2

0.047

0.430

1.04

0.024

0.004

18.25

8.05

—

0.047

—

674.00

301.00

56.00

—

—

84.00

3

0.014

0.420

1.57

0.028

0.001

18.01

8.01

—

0.050

—

640.00

293.00

50.00

—

—

84.00

4

0.019

0.460

1.37

0.028

0.002

18.07

8.05

—

0.070

—

628.00

306.00

56.00

—

—

85.00

5

0.023

0.390

1.63

0.030

0.003

18.30

8.00

—

0.050

—

670.00

307.00

54.00

—

—

88.00

6

0.019

0.390

1.40

0.030

0.001

18.28

8.04

—

0.073

—

637.00

319.00

54.00

—

—

88.00

7

0.019

0.390

1.40

0.030

0.001

18.28

8.04

—

0.073

—

637.00

319.00

54.00

—

—

87.00

8

0.019

0.390

1.40

0.030

0.001

18.28

8.04

—

0.073

—

637.00

319.00

54.00

—

—

87.00

NOTES:

1.The material described herein is certified for no radiation contamination by original Material Manufacturer.

2.The tolerance of chemical composition is according to ASTM A480

3.Visual Inspection(Surface) and Dimension Check Acceptable

4.We hereby certify that material described herein has been manufactured and tested with satisfactory results in accordance with the requirement of the above material specification.

APPROVED CERTIFICATES:

1.CNAS according ISO 9001(TUV Cert No:01 100 126822)

2.BMS according ISO 14001(LR Cert No:0892007)

3.FED (TUV Cert No: 01 202 TWNV-Q6 0145)

4.Lab management system according ISO/IEC 17020(TAF Cert No:0001)

5.Lab management system according ISO/IEC 17025(TAF Cert No:2271)

QA Manager / Work Inspector.

Lai Yu Lin

Q-Y-Q-33-07-C